

Drawings

1. The drawings were received on September 11, 2006. The Examiner accepts these drawings.

Reasons for Allowance

2. Applicant's amendment/argument (pages 7-11), filed on March 1, 2010, has been fully considered and are persuasive. As a result of amended claims 1, 10, 12 and 14, the art rejection of claims 1-14 have been withdrawn. Therefore, claims 1-20 are allowable.

3. The following is an Examiner's statement of reasons for allowance. The prior art of record fails to teach or suggest, image visualization comprises (a) if there is an interactive input, the image is rendered with a varying rendering method in a pre-scan mode and wherein, if there is no interactive input, the image is re-rendered with a constant rendering method in a full-scan mode resulting in a maximum quality of the whole image in combination into other elements and features of claims 1, 12 and 14; (b) if there is an interactive input, the rendering method is a pre-scan mode having a resolution less than a resolution of a full-scan mode and wherein, if there is no interactive input, the rendering method is in the full-scan mode in combination into other elements and features of claim 10.

4. **Claims 1-20 are allowed.**

5. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably

accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Citation of Relevant Prior Art

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Washizawa (U. S. 6,198,847 B1) disclose apparatus and method for recognizing nonuniformly sampled pattern.

Drebin et al (U. S. 5,877,771) disclose method and apparatus for super sampling based on the local rate of change in texture.

Gaborski et al (U. S. 5,426,684) disclose technique for finding the histogram region of interest for improved tone scale reproduction of digital radiographic images.

Contact Information

7. Any inquiry concerning this communication or earlier communications from the Examiner should be directed to ABOLFAZL TABATABAI whose telephone number is (571) 272-7458.

The Examiner can normally be reached on Monday through Friday from 9:30 a.m. to 7:30 p.m. If attempts to reach the Examiner by telephone are unsuccessful, the Examiner's supervisor, Samir Ahmed, can be reached at (571) 272-7413. The fax phone number for organization where this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published

Art Unit: 2624

applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Abolfazl Tabatabai/

Primary Examiner, Art Unit 2624

June 7, 2010